necessary by reason of the present Amendment and that the Claims as now amended clearly make the application allowable.

As is set forth in the Specification of this application, disk drives are commonly inserted into computers while the computer power is on. Such a situation occurs when one disk drive is exchanged for another. The drives have hot components, including electrical components on a printed circuit board. The shield of the present invention protects the user from contact with the possibly dangerous power available in the system when changing drives with the power on. Another feature of the invention is that the drive is protected from damaging electrostatic discharge and handling damage by the user.

The principal reference Marton shows several heat modifications of a dissipator. Turning to Fig. 1A, the side edges of the dissipator are bent at right angle to the central portion and the fins are formed on the bent over portion. Fig. 1B shows essentially the same structure as Fig. 1A except that there are plural dissipators attached to the same transfer surface in nested configuration. Fig. 2A shows the side edges of the dissipator turned upwardly and then outwardly with the fins formed in the outwardly turned portion. Fig. 2B is similar to Fig. 2A except that there are plural heat dissipators attached to the same transfer surface in nested configuration. Fig. 3 is similar to Fig. 2A except that instead of the portions bearing the fins being turned outwardly relative to the central portion of the dissipator they are slanted inwardly-upwardly.

Therefore in all of the modifications shown in Marton, considerable space is occupied by the fins. The Examiner will understand from personal experience that the space occupied by a disk drive in a computer or tower is limited. Using any of the modifications shown in Marton would involve occupying valuable space which could be occupied by other components. The structures shown are simply impractical from a commercial standpoint.

Turning now to main Claim 8, a genuine attempt has been made to define the difference between the location of the louvers in applicant's structure and that shown in the reference Marton. The claim as now worded states that each louver comprises a fixed fin within the rectangular shape of the plate slanting upward from the central portion of the plate. The claim as amended further states that each fin comprises a rectangular portion of the plate having three edges cut from the plate, one edge extending from termini spaced inward from the sides and two edges adjacent the termini perpendicular from the cut edge. The claim further states that the fin has a fourth edge integral with the central portion. Each fin is connected to the central portion and located between the sides. This distinguishes over Marton. Accordingly, it is believed that Claim 8, the only independent Claim, is allowable.

Claim 5 is dependent upon Claim 8 and defines the edges 22 of the plate. This structure is not shown in Marton. The Marton end edges do not slant upward.

Claim 6 is dependent upon Claim 8 and states that the plate is formed with screw holes spaced in a standard pattern to be attached to the disk drive.

The secondary reference Guo was applied to Claim 6. This Claim does not show any screw holes, so far as can be observed. The attachment screws 60, 62 pass through support posts 32, 34. They attach the pin connector 28 to the computer, they do not attach the frontal surface 14 of the disk drive 12.

Claim 7 was rejected on the same references as Claim 6. This Claim calls for the depression 17 shown in the drawings of the present application as contacting the motor 12 of the disk drive. Such structure is not shown in any reference. The circle in the upper right hand corner of the attachment of Fig. 1 of Guo is for a logo or some other purpose. It is raised rather then depressed, so far as can be observed from the drawings.

Remaining in the application are independent Claim 8 and Dependent Claims 5-7, as amended. Allowance is believed to be in order and such action is earnestly solicited.

Respectfully submitted,

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